

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090221\
 Data File : VX024087.D
 Acq On : 02 Sep 2021 22:17
 Operator : JC/MD
 Sample : M3620-06MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-660-662MSD

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:37:16 PM

Quant Time: Sep 03 05:42:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	136461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216679	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102011	53.561	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.120%			
35) Dibromofluoromethane	5.397	113	76612	53.420	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.840%			
50) Toluene-d8	8.653	98	270568	49.569	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.140%			
62) 4-Bromofluorobenzene	11.085	95	108921	54.206	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	70430	48.918	ug/l	99
3) Chloromethane	1.295	50	79252	50.143	ug/l	99
4) Vinyl Chloride	1.380	62	78154	50.701	ug/l	99
5) Bromomethane	1.599	94	49723	51.305	ug/l	97
6) Chloroethane	1.679	64	52389	46.385	ug/l	98
7) Trichlorofluoromethane	1.880	101	134235	55.144	ug/l	99
8) Diethyl Ether	2.142	74	48673	57.257	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	84006	61.329	ug/l	96
10) Methyl Iodide	2.453	142	109838	57.590	ug/l	92
11) Tert butyl alcohol	2.983	59	126313	327.947	ug/l	98
12) 1,1-Dichloroethene	2.319	96	85489	65.278	ug/l	89
13) Acrolein	2.246	56	75516	329.470	ug/l	97
14) Allyl chloride	2.666	41	132328	54.828	ug/l	88
15) Acrylonitrile	3.075	53	251327	292.860	ug/l	96
16) Acetone	2.392	43	247178	290.258	ug/l #	88
17) Carbon Disulfide	2.514	76	168215	53.855	ug/l	99
18) Methyl Acetate	2.715	43	114480	53.851	ug/l	90
19) Methyl tert-butyl Ether	3.130	73	283762	62.256	ug/l	99
20) Methylene Chloride	2.794	84	87210	53.614	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	79490	56.825	ug/l	92
22) Diisopropyl ether	3.770	45	281109	58.480	ug/l	92
23) Vinyl Acetate	3.733	43	1063959	273.614	ug/l	94
24) 1,1-Dichloroethane	3.617	63	159178	59.501	ug/l	98
25) 2-Butanone	4.574	43	385066	298.537	ug/l	92
26) 2,2-Dichloropropane	4.489	77	108538	49.433	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	101373	60.903	ug/l	100
28) Bromochloromethane	4.910	49	67753	55.700	ug/l	95
29) Tetrahydrofuran	5.019	42	247150	295.820	ug/l	90
30) Chloroform	5.105	83	175829	62.073	ug/l	99
31) Cyclohexane	5.477	56	120365	49.191	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	153670	63.355	ug/l	98
36) 1,1-Dichloropropene	5.702	75	115771	57.695	ug/l	99
37) Ethyl Acetate	4.727	43	134229	54.419	ug/l #	93
38) Carbon Tetrachloride	5.684	117	136658	65.310	ug/l	95
39) Methylcyclohexane	7.385	83	122012	49.939	ug/l	95
40) Benzene	6.044	78	343271	57.853	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	80031	59.852	ug/l	90
42) 1,2-Dichloroethane	6.099	62	146313	62.742	ug/l	93
43) Isopropyl Acetate	6.355	43	219974	57.015	ug/l	92
44) Trichloroethene	7.135	130	510470	311.438	ug/l	98
45) 1,2-Dichloropropane	7.434	63	90993	57.752	ug/l	95
46) Dibromomethane	7.586	93	67182	61.272	ug/l	98
47) Bromodichloromethane	7.830	83	126621	63.836	ug/l	99
48) Methyl methacrylate	7.702	41	116660	61.983	ug/l	84
49) 1,4-Dioxane	7.665	88	51677	1299.143	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	796880	319.521	ug/l	91
52) Toluene	8.726	92	224002	58.261	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	138326	53.819	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	141695	58.954	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	99375	62.780	ug/l	97
56) Ethyl methacrylate	9.122	69	153668	56.712	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	157750	60.087	ug/l	99
59) 2-Hexanone	9.433	43	630696	328.990	ug/l	87
60) Dibromochloromethane	9.525	129	101391	57.727	ug/l	99
61) 1,2-Dibromoethane	9.616	107	104972	62.774	ug/l	98
64) Tetrachloroethene	9.281	164	91263	54.666	ug/l	97
65) Chlorobenzene	10.086	112	252332	57.852	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	94894	61.127	ug/l	99
67) Ethyl Benzene	10.195	91	447212	58.715	ug/l	99
68) m/p-Xylenes	10.305	106	348756	120.213	ug/l	99
69) o-Xylene	10.647	106	174653	61.261	ug/l	100
70) Styrene	10.659	104	282728	60.873	ug/l	97
71) Bromoform	10.805	173	75991	59.846	ug/l #	99
73) Isopropylbenzene	10.964	105	449885	57.293	ug/l	99
74) N-amyl acetate	10.848	43	194257	54.742	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	151320	58.801	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	141792m	59.044	ug/l	
77) Bromobenzene	11.201	156	116034	59.996	ug/l	95
78) n-propylbenzene	11.305	91	514558	57.293	ug/l	98
79) 2-Chlorotoluene	11.366	91	318458	58.666	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	383932	59.497	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	47195	57.808	ug/l	90
82) 4-Chlorotoluene	11.457	91	367933	59.714	ug/l	100
83) tert-Butylbenzene	11.720	119	373398	59.580	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	381104	59.232	ug/l	99
85) sec-Butylbenzene	11.896	105	464834	58.583	ug/l	100
86) p-Isopropyltoluene	12.012	119	386412	59.172	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	204749	58.515	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	201341	57.694	ug/l	98
89) n-Butylbenzene	12.335	91	324505	55.653	ug/l	98
90) Hexachloroethane	12.543	117	63312	55.453	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	199186	58.759	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34626	57.067	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	114231	55.991	ug/l	99
94) Hexachlorobutadiene	13.725	225	47444	52.174	ug/l	96
95) Naphthalene	13.780	128	415386	55.032	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	118666	58.402	ug/l	99

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(#)=qualifier out of range (m)=manual integration (+)=signals summed						

